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UNITED STATES DEPARTMENT OF AGRICULTURE
Agricultural Marketing Service

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IOWA DEPARTMENT OF AGRICULTURE
Division of Agricultural Statistics

assisted by

Iowa State College Extension Service

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IOWA AGRICULTURAL STATISTICS

O'BRIEN COUNTY



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County Statistical Bulletin

No. 2

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Office of the Agricultural Statistician
305 United States Court House
Des Moines, Iowa

IOWA CROP AND LIVESTOCK REPORTING SERVICE
Division of Agricultural Statistics
Leslie M. Carl, Director

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IOWA STATE COLLEGE EXTENSION SERVICE
R. K. Bliss, Director

AGRICULTURAL STATISTICS - O'BRIEN COUNTY

County Statistical Bulletin No. 2

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FOREWORD

The Iowa Crop and Livestock Reporting Service is the Iowa unit of a nation-wide organization which is entrusted with the responsibility of operating a standard statistical service for agriculture. The Division of Agricultural Statistics is a division of the Iowa State Department of Agriculture working in cooperation with the Agricultural Marketing Service of the United States Department of Agriculture. The year 1939 marked the one-hundredth anniversary of the collection of statistics of agriculture in the United States.

The general program of the Iowa Crop and Livestock Reporting Service is to meet the public needs and demands for summary data of a historical nature and for current statistical information of agricultural production in Iowa and the United States.

In recent years, there has been an increasing demand from agricultural organizations, commercial interests, teachers, legislators, and county, state and governmental agencies for agricultural data showing the trends of change in counties. Little has been done in the past to make available data for each county over an extended period of time. So urgent is the need for county data that some organizations have assembled such information at considerable cost. It is in response to these needs that this series is being issued.

The county data herein offered have been assembled from existing State and Federal documents and reports, under the supervision of Norman V. Strand, State-wide Work Projects Administration Supervisor of Agricultural Economics and Statistics projects. This is a report of work completed on Official Project 65-1-72-155 of the Work Projects Administration. Official Project 665-72-3-36 furnished the material for Tables 25 and 27.

The Iowa Agricultural Extension Service participated in the preparation of the materials in this report. Selected data from the files of the Iowa Agricultural Experiment Station have been released for publication in this series. Special credit is given to the Iowa assessors and tax officials who collect data on crops and livestock as required under the Iowa laws. Without these data by townships and counties detailed agricultural statistics would be less accurate and less complete.

Leslie M. Carl, Director
Division of Agricultural Statistics

Des Moines, Iowa
June, 1940

IOWA AGRICULTURAL STATISTICS - O'BRIEN COUNTY

O'Brien County, originally a part of the old Fayette region, was established by a Legislative Act on January 15, 1851. Together with ten other counties of northwest Iowa, it was attached to Waukawa (later Woodbury) County for judicial and tax administrative purposes. It was named in honor of William Smith O'Brien, an early Irish statesman and patriot.

The first settler of record was Hannibal House Waterman of New York. He lived in Bremer County for several years and then came to O'Brien County. On July 11, 1856 he took up a claim in the southeastern part of the county, near the Little Sioux River. 1/

In the very early days of O'Brien County Indian troubles were a serious deterrent to population increases. In 1860, when the county was separately organized, the white population was 3 and had increased to only 30 in 1865. After 1865 population made a substantial gain and the advent of a railroad from St. Paul to Sioux City in 1872 further enhanced the desirability of O'Brien County as a place to live and work. By 1880 the population was 4,155. A grasshopper infestation from 1873 to 1876 added to the hardships of the early settlers. 2/

In 1860 the county seat was O'Brien but in 1872 it was moved to Primghar, which name was composed of the first letters of the names of the county commissioners. Unsuccessful attempts were later made to move the county seat of government from Primghar. 3/

Area

O'Brien County is 24 miles square and has sixteen townships, all of which coincide with the Congressional townships. Its total area is 569 square miles, 4/ or 365,160 acres. Of this number 353,961 acres are in farms. 5/ Its rank in size is 34th in the State--Boone, Hardin, and Jones Counties having the same area.

Soils

The soils of O'Brien County have been grouped into four classes according to their location and origin; namely, drift, loess, terrace and swamp and bottom land. The drift soils comprise 16.7 per cent of the entire surface and are divided into the Clarion loam, steep phase and Clarion silt loam--10.1 per cent, the Carrington silt loam--3.3 per cent, the Webster silty clay loam--3.2 per cent and the Dickinson fine sandy loam--0.1 per cent. The loess soils take up 72.8 per cent of the total area and are divided into two classes, the Marshall silt loam and the Marshall silt loam, flat phase. The terrace soil in this county is negligible, compris-

1/ Andreas, A.T. Historical Atlas of Iowa. Andreas Atlas Co., Chicago, Illinois. 1875. p. 384.

2/ Past and Present of O'Brien and Osceola Counties, Iowa. B. F. Bowen and Co., Indianapolis, Indiana. 1914. Vol. I, p. 48.

3/ Ibid. p. 149.

4/ Fifteenth Census of the United States. 1930. Populations. Vol. I, pp. 362-363.

5/ United States Census of Agriculture. 1935. Iowa. p. 15.



ing only 3.2 per cent. The largest type of this class is the Fargo--1.7 per cent. The swamp and bottom land soils cover 7.3 per cent and are divided into the Wabash loam and the Wabash silt loam--both having 1.4 per cent and the Lamoure silty clay loam and the Lamoure loam--both having 5.9 per cent. 6/

Topography

Most of the surface of O'Brien County is level to undulating. There is a small amount of strongly rolling to steep, hilly terrain but it is found only along the larger streams and main drainageways.

In the northwestern part along the Floyd and Little Floyd Rivers the land is rough and hilly, while, in the southern and eastern parts of the county the courses of the Little Sioux, Waterman and Mill Creeks are deep and gorge-like with narrow valleys and uplands rising abruptly from them. The drainage is fairly good, being taken care of by these creeks and rivers together with the Ocheyedan River in the extreme northeast. 7/

Climate

The 10 year (1930-1939) average temperature of the county was 44.4 degrees 8/ and the 36 year (1895-1930) average rainfall was 28.4 inches. 9/ The mean growing season between the 19 year (1912-1930) average dates of May 10 and October 1 is 144 days in length.

Population

The population of O'Brien County, according to the Federal Census of 1930, was 18,409, showing a density of 32 per square mile as compared to the State average of 44.

The following table shows the comparative population by ten year periods:

<u>Year</u>	<u>Population</u>	<u>Town</u>	<u>Farm</u>
1860	8	-	-
1870	715	-	-
1880	4,155	-	-
1890	13,060	4,591	8,469
1900	16,985	6,801	10,184
1910	17,262	8,051	9,211
1920	19,051 <u>10/</u>	9,703 <u>11/</u>	9,348
1930	18,409 <u>12/</u>	9,066	9,343
1935	-	-	9,064 <u>13/</u>

6/ Soil Survey of Iowa. O'Brien County. Report #43. June, 1926. pp. 11-12. Agricultural Experiment Station, Ames, Iowa.

7/ Ibid. pp. 8-10.

8/ Unpublished Data. U.S. Weather Bureau. Chas. D. Reed. Sr. Meteorologist, Des Moines, Iowa.

9/ Climatic Summary of the U.S. Section 50. Western Iowa. pp. 19-15.

10/ Census of Iowa. 1925. pp. 714-715.

11/ Census of Iowa. 1925. pp. 925 et seq.

12/ Iowa Official Register. 1937-38. p. 338 et seq.

13/ U.S. Census of Agriculture. 1935. Iowa. p. 15.

In 1930, 8,779 of the total population of O'Brien County were of foreign born or native white of foreign born or mixed parentage, about 48% of the whole. Of this number 4,013 were of German descent, 2,393 of Holland Dutch, 300 each of Swedish, Danish and Norwegian and 200 each of Scotch and Irish descent. 14/

Cooperatives

In 1937 there were nine cooperative institutions in operation in this county--one creamery, one petroleum plant and seven elevators.

As a whole they had 2,034 members of which 1,789 were active, and 3,130 persons did business with the nine concerns. The selling cooperatives had a business volume of \$850,156 and the purchasing cooperatives did \$394,123 worth of business. 15/

Cooperatives may both buy and sell or they may perform one or the other function exclusively. Purchasing cooperatives buy non-farm commodities for distribution to their members and patrons and selling cooperatives market farm commodities for their members and patrons.

Fruit Production

O'Brien County is not important as a fruit producing area. No fruit trees of any consequence and but few grape vines were listed in the early census reports. 16/ Several thousand apple and plum trees were reported in 1909 and grape production reached 5,592 pounds in 1934--the highest ever recorded. 17/

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- 14/ Fifteenth Census of the U.S. 1930. Populations. Vol. III. Part I.
Tables 18-19. pp. 785-786-787-788.
- 15/ Unpublished Data. Farm Credit Administration of Omaha and Iowa State
College.
- 16/ State Census Reports for 1875-84-94.
- 17/ Federal Census Reports for 1909 and 1934.

Note Regarding Yields of Corn.

The crop assessors' statistical breakdown for corn acreage is as follows: (1) all corn, (2) corn husked for grain, (3) corn cut for silage, (4) corn cut for fodder and (5) corn hogged off. A total production is given for each farm which includes only that actually husked. In getting county totals of production the acreage other than that husked is multiplied by the yield (derived by dividing total bushels corn husked by total acres husked) and added to summations of individual farm productions shown as husked. This assumes that acreage not husked would have produced the same yield as that actually husked.

In 1934 and 1936, both poor crop years, separate estimations of corn yield on acreage not husked were made by the state assessors' office because it was felt that farmers in those years would select their best acreages for husking and cut or hog off the rest, which would have a different and lower yield. This separate yield estimation was then multiplied by the acreage not husked and the total added to that reported as husked.

This was done by counties only and not by townships. The township yields for these two years then, are somewhat high since they are based on acreage husked for grain and bushels husked, only. The total corn acreage is shown by township with this yield and any attempt to multiply it by the acreage shown to get total production will result in a too high figure. The county summary table figures for corn yield in 1934 and 1936 have been adjusted for poorer yields on that acreage not husked and these yields may legitimately be multiplied by the acreages shown there to arrive at total productions for the county.

In all other years actual township productions may be derived from the yield and acreage figures shown in the tables since corn yield has been assumed to be equal in all utilizations. The county yield and township yields are therefore consistent in all years except 1934 and 1936.

Table 1

LAND UTILIZATION AND YIELDS, 1929-38
County Summary

7

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		FLAXSEED		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	1905	353951	186	134822	41	87126	42	379	11	21136	34
1930	1926	353322	183	137383	37	86833	39	1115	15	18611	33
1931	1920	353846	184	142416	32	82150	29	1638	8	16331	27
1932	1906	354389	186	142776	42	80202	40	1143	13	25018	28
1933	1929	355582	184	138340	45	81253	23	2736	7	27842	17
1934	1933	356788	185	112899	36	75486	22	1272	6	26526	17
1935	1928	357122	185	122076	44	79042	40	825	14	35286	28
1936	1950	358386	184	135293	15	74809	23	719	8	25336	17
1937	1897	356610	188	135728	53	77371	51	714	13	25385	36
1938	1934	357462	185	127193	53	75733	43	1035	15	26808	32
10 Yr. Ave.	1923	355746	185	132893	40	80000	35	1158	10	24883	27

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	71	17.	76	13.	76	24	88	7025	18767
1930	134	20	129	19	135	119	38	7873	19549
1931	47	12.	179	14.	89	-	81	8358	18638
1932	230	16	245	18	97	6	30	9173	17593
1933	177	19.	418	14.	92	86	56	10057	19112
1934	360	8	516	13	2	3	370	10048	24026
1935	463	22	751	17.	173	12	338	12860	23447
1936	328	18	346	10	40	61	491	14444	23693
1937	831	20	1134	18	62	63	407	15826	22453
1938	465	21	2006	21	135	43	757	13380	24409
10 Yr. Ave.	311	18	580	18	92	42	266	10904	21169

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Tim- ber Only Acres	Waste- land Acres	Idle Crop Land Acres
1929	3506	65802	1519	20085	10	431	37
1930	3738	63407	1478	20389	73	289	21
1931	3006	66230	1020	21017	90	324	40
1932	2906	62336	866	20617	33	223	74
1933	2958	60730	1281	19499	29	244	815
1934	2851	67733	3973	19984	14	285	20491
1935	2829	68652	2485	20228	30	310	187
1936	2566	68007	1294	20698	42	344	4380
1937	2566	65840	1981	20110	31	500	1497
1938	2531	68469	1232	20483	63	569	5574
10 Yr. Ave.	2946	65721	1713	20311	42	352	3312

10 Yr. Ave. Acres - Spring Wheat 174
 Popcorn 140 Winter Wheat 43
 (Acreages also shown in "All Other Crops.")

*Included in "All Tame Hay."
 Iowa Department of Agriculture.
 Division of Agricultural Statistics.

Table 2

ACREAGE AND YIELDS OF HAY
County Summary

Year	Mixed Clover & Timothy		Alfalfa		Wild Hay		All Tame Hay	
	Acres	Tons per Acre	Acres	Tons per Acre	Acres	Tons per Acre	Acres	Tons per Acre
1929	5589	1.70	7025	3.02	3506	1.58	18767	2.28
1930	6948	1.39	7873	2.40	3738	1.10	19549	1.84
1931	4729	0.84	8358	1.74	3006	0.61	18638	1.25
1932	3804	1.75	9173	3.14	2906	1.15	17593	2.39
1933	7480	1.08	10057	2.27	2958	0.55	19112	1.69
1934	6959	1.09	10048	1.75	2851	1.34	24026	1.48
1935	7025	1.12	12860	2.57	2829	1.27	23447	1.97
1936	6506	0.83	14444	1.80	2566	0.75	23693	1.42
1937	3737	1.39	15826	2.65	2566	1.35	22453	2.30
1938	5543	1.56	13380	2.29	2531	1.30	24409	1.92
10 Yr. Ave.	5832	1.28	10904	2.36	2946	1.10	21169	1.85

Division of Agricultural Statistics.
Iowa Department of Agriculture.

Baker Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		FLAXSEED		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	123	22981	187	9195	40	6358	40	41	18	1419	32
1930	124	22772	184	9238	34	6551	33	76	16	905	24
1931	122	22813	187	9143	37	6606	35	273	9	425	27
1932	122	22823	187	9342	37	6256	38	182	9	847	23
1933	124	22914	185	9087	52	6260	26	206	8	1601	20
1934	122	22919	188	7696	40	6003	20	37	4	1365	15
1935	122	22936	188	8532	43	6022	42	150	17	1848	28
1936	122	22761	187	9136	15	5693	23	154	6	1350	16
1937	123	22907	186	9122	47	6219	49	58	9	1235	34
1938	124	22899	185	8917	56	6140	48	77	13	1114	35
10 Yr. Ave.	123	22872	186	8941	40	6211	36	125	10	1211	25

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	-	-	-	-	-	-	-	330	1060
1930	9	28	-	-	-	-	-	373	1004
1931	-	-	48	17	-	-	10	382	1052
1932	-	-	48	16	-	-	-	381	1033
1933	-	-	45	8	-	-	15	454	942
1934	4	6	55	11	-	-	42	471	1144
1935	6	14	104	17	2	-	2	682	1102
1936	5	17	38	6	-	-	24	729	1197
1937	65	21	40	21	1	-	-	785	1183
1938	25	29	54	19	-	-	-	704	1141
10 Yr. Ave.	11	22	43	15	.3	-	9	529	1086

Year	Wild Hay	All Pasture	All Other Crops	Bldgs., Feed Lots, Highways	Wood Lots for Timber Only	Waste-land	Idle Crop Land
	Acres	Acres	Acres	Acres	Acres	Acres	Acres
1929	311	3259	57	1281	-	-	-
1930	353	3304	49	1283	-	-	-
1931	278	3589	33	1356	-	-	-
1932	193	3531	44	1347	-	-	-
1933	263	3056	212	1227	-	-	-
1934	224	3374	406	1344	-	-	1225
1935	235	3393	203	1319	-	18	-
1936	219	3208	149	1330	-	-	258
1937	212	3083	181	1315	-	3	190
1938	243	3244	155	1349	-	5	435
10 Yr. Ave.	253	3304	149	1315	-	3	211

10 Yr. Ave. Acres - Spring Wheat 58
 Popcorn 6 Winter Wheat 11
 (Acreages also shown in "All Other Crops.")

*Included in "All Tame Hay."
 Iowa Department of Agriculture.
 Division of Agricultural Statistics.

Table 4

LAND UTILIZATION AND YIELDS

10

Caledonia Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		FLAXSEED		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	138	22823	165	8336	40	6755	45	21	15	509	36
1930	138	22712	165	8366	39	6685	43	45	12	325	35
1931	136	22780	168	8826	42	6450	38	37	9	281	32
1932	136	22828	168	8785	45	6419	43	6	13	605	27
1933	141	22828	162	8829	46	6234	21	51	6	1048	15
1934	141	22832	162	7244	34	5869	20	15	4	892	18
1935	139	22825	164	7651	44	6027	44	12	10	1527	35
1936	141	22674	161	8415	12	5220	20	9	5	1392	17
1937	138	22945	166	8602	48	5538	54	-	-	1589	43
1938	141	23035	163	8177	53	5034	51	43	15	1995	41
10 Yr. Ave.	139	22828	164	8323	42	6023	38	24	10	1016	31

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	-	-	-	-	-	5	-	339	1059
1930	-	-	-	-	10	3	-	349	1159
1931	-	-	-	-	-	-	-	357	1042
1932	-	-	-	-	-	-	-	417	1090
1933	-	-	-	-	-	-	-	467	1111
1934	10	8	-	-	-	-	-	540	1115
1935	8	18	-	-	14	-	-	727	1532
1936	2	8	-	-	-	-	8	848	1403
1937	79	24	7	18	-	-	29	1062	1378
1938	53	21	32	20	15	-	55	806	1384
10 Yr. Ave.	15	21	4	19	4	.1	9	591	1227

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Tim- ber only Acres	Waste- land Acres	Idle Crop Land Acres
1929	599	3984	218	1333	-	9	-
1930	597	4041	170	1301	8	1	4
1931	530	4220	102	1292	-	-	-
1932	520	3936	122	1338	6	1	-
1933	467	3616	113	1358	-	-	1
1934	469	4088	109	1399	-	-	1622
1935	408	4107	141	1389	6	-	3
1936	393	4244	29	1383	2	-	174
1937	381	3855	60	1390	-	-	37
1938	356	4274	84	1368	9	45	111
10 Yr. Ave.	472	4036	115	1355	3	6	195

10 Yr. Ave. Acres - Winter Wheat .2

Spring Wheat 31 Popcorn 16

(Acreages also shown in "All Other Crops")

*Included in "All Tame Hay".

Iowa Department of Agriculture.

Division of Agricultural Statistics.

Carroll Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		FLAXSEED		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	128	22142	173	8676	38	5871	35	196	11	1296	27
1930	128	22665	177	9230	41	5799	46	277	19	1119	33
1931	126	22518	179	9235	37	5506	33	418	10	1075	25
1932	126	22245	177	9386	44	5161	40	275	13	1563	27
1933	125	21832	175	8742	48	5284	27	543	10	1786	20
1934	126	21731	172	6942	37	4546	22	350	5	1680	15
1935	129	22030	171	7640	45	5233	40	143	15	2154	27
1936	124	21890	177	8313	16	4838	26	187	9	1648	18
1937	125	21359	171	8382	56	4945	52	163	18	1327	33
1938	127	22517	177	8343	50	5391	41	210	16	1349	30
10 Yr. Ave.	126	22093	175	8489	42	5257	37	276	11	1500	25

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	-	-	8	10	7	-	20	496	950
1930	3	33	30	17	20	15	-	608	1048
1931	8	10	43	10	-	-	-	608	971
1932	-	-	13	22	-	-	-	663	958
1933	12	25	24	19	-	-	11	659	985
1934	31	6	49	11	-	-	17	754	1250
1935	41	22	132	18	-	-	15	912	1256
1936	60	14	45	11	-	-	44	976	1233
1937	75	15	124	17	-	20	33	963	1206
1938	42	19	176	19	20	6	37	822	1350
10 Yr. Ave.	27	16	64	17	5	4	18	746	1121

Year	Wild Hay	All Pasture	All Other Crops	Bldgs., Feed Lots, Highways	Wood Lots for Timber Only	Waste-land	Idle Crop Land
	Acres	Acres	Acres	Acres	Acres	Acres	Acres
1929	211	3350	239	1278	-	40	-
1930	198	3502	205	1224	-	10	-
1931	195	3520	186	1335	-	26	-
1932	199	3199	107	1352	2	20	10
1933	149	2932	101	1237	-	9	17
1934	197	3533	127	1218	-	17	1774
1935	173	3693	207	1330	-	5	8
1936	133	3751	161	1274	5	29	169
1937	149	3467	142	1323	3	10	10
1938	163	3731	68	1323	-	24	290
10 Yr. Ave.	177	3468	154	1289	1	19	228

10 Yr. Ave. Acres - Spring Wheat 28
 Popcorn 30 Winter Wheat 9
 (Acreages also shown in "All Other Crops.")

*Included in "All Tame Hay."
 Iowa Department of Agriculture.
 Division of Agricultural Statistics.

Table 6

LAND UTILIZATION AND YIELDS

Center Township

12

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		FLAXSEED		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	122	22682	186	8860	40	6014	39	-	-	1154	33
1930	123	22651	184	8868	37	6322	35	75	13	683	29
1931	123	22701	185	9399	30	5955	23	-	-	647	24
1932	120	21954	183	9162	36	5930	37	7	16	1069	30
1933	122	22072	181	9058	46	5790	30	100	8	1219	25
1934	125	22699	182	7421	37	5587	24	49	9	1470	16
1935	120	22007	183	7771	48	5718	41	15	11	1863	27
1936	125	22615	181	8766	21	5400	23	6	2	1427	19
1937	123	22411	182	9143	55	5351	53	21	18	1237	37
1938	126	22731	180	8797	51	5624	44	-	-	1152	31
10 Yr. Ave.	123	22452	183	8724	40	5769	35	27	11	1192	27

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	-	-	-	-	-	-	-	325	1334
1930	-	-	-	-	-	-	-	336	1165
1931	-	-	-	-	-	-	19	382	1052
1932	-	-	5	14	-	-	-	405	896
1933	18	22	12	15	17	-	-	493	1040
1934	2	11	39	13	-	-	22	558	1793
1935	3	7	101	20	-	-	42	691	1483
1936	-	-	19	8	-	-	25	811	1322
1937	20	16	105	20	-	-	-	982	1393
1938	24	26	117	18	-	-	77	665	1445
10 Yr. Ave.	7	21	40	18	2	0	18	565	1292

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Tim- ber only Acres	Waste- land Acres	Idle Crop Land Acres
1929	360	3432	127	1350	-	51	-
1930	347	3669	116	1391	-	15	-
1931	313	3745	122	1381	8	60	-
1932	361	3116	63	1345	-	-	-
1933	297	3147	79	1275	16	-	4
1934	240	3489	79	1338	-	-	1170
1935	261	3331	84	1321	6	8	-
1936	229	3525	105	1358	-	9	424
1937	243	3365	133	1328	5	11	56
1938	206	3646	14	1343	-	-	286
10 Yr. Ave.	286	3446	92	1343	4	15	194

10 Yr. Ave. Acres - Winter Wheat .1
 Popcorn 12 Spring Wheat 15
 (Acreages also shown in "All Other Crops")

*Included in "All Tame Hay".
 Iowa Department of Agriculture.
 Division of Agricultural Statistics.

Table 7

LAND UTILIZATION AND YIELDS

13

Dale Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		FLAXSEED		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	113	22696	201	9029	47	4855	46	-	-	1815	38
1930	117	22390	191	8893	42	4766	43	61	15	1734	32
1931	116	22602	195	9470	40	4562	33	105	7	1313	32
1932	113	22754	201	9397	45	4489	44	78	11	2154	30
1933	116	22657	195	8873	52	4622	23	147	2	2307	19
1934	113	22403	198	7297	43	3787	23	31	7	2229	18
1935	110	22573	205	8115	44	4402	41	-	-	2508	28
1936	111	22215	200	9051	19	3927	19	3	3	2034	14
1937	109	22391	205	8938	54	4358	53	-	-	2450	37
1938	108	22187	205	8163	58	4177	46	20	20	2413	35
10 Yr. Ave.	113	22487	200	8723	45	4394	38	44	7	2096	28

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	-	-	13	9	1	-	-	336	1538
1930	-	-	-	-	34	18	-	397	1614
1931	-	-	-	-	14	-	-	486	1456
1932	20	15	15	20	5	-	-	478	1236
1933	-	-	5	18	-	-	-	523	1515
1934	4	20	-	-	-	-	6	541	1679
1935	16	12	15	18	15	-	-	727	1720
1936	11	15	19	7	-	-	-	863	1647
1937	17	30	14	23	-	-	-	941	1507
1938	56	21	121	24	-	-	-	770	1519
10 Yr. Ave.	12	20	20	21	7	2	1	606	1543

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Tim- ber only Acres	Waste- land Acres	Idle Crop Land Acres
1929	34	4110	126	1175	-	-	-
1930	51	3892	127	1203	10	4	1
1931	36	4327	42	1277	-	-	-
1932	18	3997	46	1265	19	15	-
1933	23	3899	31	1220	-	5	10
1934	42	4398	187	1176	-	15	1552
1935	18	4458	54	1190	-	57	5
1936	28	4078	25	1318	-	3	71
1937	22	3817	18	1200	-	21	29
1938	20	4079	60	1254	-	11	294
10 Yr. Ave.	29	4106	72	1228	3	13	196

10 Yr. Ave. Acres - Winter Wheat 0
 Popcorn 18 Spring Wheat 1
 (Acreages also shown in "All Other Crops")

*Included in "All Tame Hay".
 Iowa Department of Agriculture.
 Division of Agricultural Statistics.

Table 8

LAND UTILIZATION AND YIELDS

14

Floyd Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		FLAXSEED		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	115	21243	185	8551	42	5747	44	-	-	1444	30
1930	114	21155	186	8696	38	5781	36	20	18	985	31
1931	115	20802	181	8547	35	5718	30	134	10	792	26
1932	114	21188	186	8695	41	5673	37	42	14	1176	30
1933	117	20750	177	8173	49	5563	30	265	7	1361	26
1934	112	20816	186	6607	37	5015	23	62	9	1622	19
1935	117	21005	180	7339	44	5099	41	101	11	2020	28
1936	115	20768	181	8229	15	4854	26	31	10	1399	19
1937	115	21107	184	8026	57	5320	49	95	9	1445	33
1938	116	20905	180	7371	53	4922	44	26	10	1392	30
10 Yr. Ave.	115	20974	182	8024	42	5369	36	78	9	1364	27
Year	RYE		SOYBEANS		GRASS SEED			TAME HAY			
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres		
1929	-	-	-	-	-	9	33	653	1014		
1930	-	-	-	-	-	55	5	682	1146		
1931	4	8	-	-	-	-	-	736	1084		
1932	10	24	14	24	-	-	-	710	993		
1933	18	19	26	19	-	15	-	821	1081		
1934	21	5	24	15	-	-	32	791	1124		
1935	14	23	40	18	13	12	54	1041	1351		
1936	19	15	17	13	-	-	29	1049	1328		
1937	66	18	63	17	4	35	14	1063	1299		
1938	69	20	126	16	-	37	42	744	1330		
10 Yr. Ave.	22	17	31	17	2	16	21	829	1175		
Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres				
1929	176	3146	59	1355	6	2	10				
1930	137	3130	69	1153	17	-	16				
1931	179	3105	80	1153	6	-	-				
1932	152	3180	72	1134	2	-	45				
1933	147	2955	92	1033	8	5	18				
1934	134	3498	240	1045	3	-	1389				
1935	134	3489	200	1118	2	6	25				
1936	134	3388	79	1059	2	1	199				
1937	147	3347	107	1069	8	1	96				
1938	108	3561	36	1173	15	20	714				
10 Yr. Ave.	145	3280	103	1099	7	4	251				

10 Yr. Ave. Acres - Winter Wheat 0
 Popcorn 1 Spring Wheat 7
 (Acreages also shown in "All Other Crops")

*Included in "All Tame Hay".
 Iowa Department of Agriculture.
 Division of Agricultural Statistics.

Franklin Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		FLAXSEED		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	105	21613	206	8815	41	5945	41	-	-	1110	29
1930	112	21918	196	9210	37	5781	40	78	18	1053	33
1931	112	21815	195	9778	33	5095	26	173	8	1039	20
1932	106	21684	205	9483	40	5377	41	232	13	1187	32
1933	106	21769	205	9244	45	4505	23	349	6	1734	16
1934	109	21888	201	7304	32	4484	20	172	8	1696	13
1935	107	21568	202	7870	44	4627	41	57	15	2359	29
1936	105	21507	205	3831	18	4211	26	85	6	1682	18
1937	105	21662	206	8718	60	4879	51	40	17	1481	37
1938	102	21306	209	7868	54	4661	43	107	16	1486	31
10 Yr. Ave.	107	21673	203	8712	41	4956	36	129	10	1483	25

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	5	16	-	-	-	-	-	610	885
1930	28	19	-	-	-	12	-	617	973
1931	-	-	6	15	-	-	-	600	939
1932	57	12	20	10	-	-	10	736	872
1933	23	10	10	10	-	-	7	907	1151
1934	10	7	-	-	-	-	53	892	1229
1935	31	15	21	18	-	-	45	1100	1606
1936	20	15	-	-	-	-	87	1256	1643
1937	21	21	124	14	-	-	60	1356	1577
1938	7	18	192	21	-	-	202	1032	1601
10 Yr. Ave.	20	15	37	18	-	1	46	911	1248

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Tim- ber Only Acres	Waste- land Acres	Idle Crop Land Acres
1929	5	3572	81	1195	-	-	-
1930	174	3223	143	1250	-	-	-
1931	107	3287	102	1289	-	-	-
1932	93	3057	85	1209	2	-	-
1933	83	3277	129	1103	-	-	154
1934	98	3759	649	1125	-	-	1309
1935	79	3517	233	1115	2	-	6
1936	107	3440	24	1140	-	5	232
1937	84	3383	71	1121	-	32	71
1938	93	3738	21	1084	7	36	203
10 Yr. Ave.	92	3425	154	1163	1	7	198

10 Yr. Ave. Acres - Spring Wheat 2
 Popcorn 4 Winter Wheat .5
 (Acreages also shown in "All Other Crops.")

*Included in "All Tame Hay."
 Iowa Department of Agriculture.
 Division of Agricultural Statistics.

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		FLAXSEED		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	119	22317	188	7828	41	5289	45	-	-	963	33
1930	119	22255	187	7977	35	5077	40	-	-	1231	34
1931	126	23046	183	8279	19	4990	23	-	-	1319	23
1932	123	23893	194	8745	46	4814	41	-	-	2069	29
1933	123	22908	186	7835	44	4504	14	-	-	2034	12
1934	120	22928	191	6487	41	4304	22	-	-	1661	18
1935	117	23084	197	6966	45	4261	36	12	15	2347	27
1936	119	23015	193	7351	18	4218	23	-	-	1293	19
1937	120	22686	189	7760	53	4148	51	-	-	1450	37
1938	125	22870	183	7466	54	4173	43	-	-	1651	32
10 Yr. Ave.	121	22900	189	7669	40	4578	34	1	15	1602	26

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	-	-	-	-	-	-	-	382	1042
1930	-	-	23	19	-	-	-	435	1034
1931	-	-	-	-	-	-	-	546	1161
1932	15	20	26	17	10	-	-	544	1022
1933	10	21	67	10	-	-	9	625	1257
1934	29	11	56	11	-	-	-	554	1935
1935	28	22	-	-	16	-	31	760	1629
1936	-	-	5	20	-	12	8	774	1323
1937	38	23	82	16	28	-	8	981	1320
1938	-	-	124	23	-	-	-	852	1467
10 Yr. Ave.	12	19	38	17	5	1	6	645	1319

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	189	5981	24	1001	-	-	-
1930	247	5350	81	1205	8	22	-
1931	168	5736	52	1277	42	13	9
1932	156	5849	50	1137	-	-	-
1933	190	5704	71	1222	-	-	5
1934	230	5950	79	1294	-	17	886
1935	306	5988	95	1321	12	70	2
1936	192	6239	144	1324	13	16	889
1937	232	5952	241	1259	8	62	98
1938	203	5989	104	1292	27	6	368
10 Yr. Ave.	211	5874	94	1233	11	21	226

10 Yr. Ave. Acres - Winter Wheat .1
 Popcorn 0 Spring Wheat .1
 (Acreages also shown in "All Other Crops")

*Included in "All Tame Hay".
 Iowa Department of Agriculture.
 Division of Agricultural Statistics.

Hartley Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		FLAXSEED		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	112	20979	187	8127	37	5523	40	20	7	1084	27
1930	114	20563	180	8139	34	5026	38	174	13	731	30
1931	113	21123	179	3935	28	5623	26	69	8	607	34
1932	115	20930	186	8506	39	5409	38	56	17	1054	25
1933	115	21844	190	8905	38	5697	24	189	9	1390	20
1934	119	21800	184	6998	33	5039	21	233	8	1654	16
1935	111	21347	197	7572	45	5134	39	161	15	2197	25
1936	113	21795	193	8397	24	5263	26	128	11	1353	20
1937	113	21747	192	8199	53	5398	49	151	10	1028	31
1938	119	21778	183	7985	50	5776	41	135	13	762	23
10 Yr. Ave.	115	21454	187	8176	38	5435	34	132	11	1186	24

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als.Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	46	14	-	-	-	-	-	367	1263
1930	62	19	-	-	-	-	-	300	1086
1931	-	-	-	-	-	-	-	366	1085
1932	44	20	-	-	19	-	-	479	1037
1933	14	25	-	-	-	28	-	518	1071
1934	115	9	-	-	-	-	51	393	1048
1935	21	11	4	10	4	-	30	598	1312
1936	23	14	-	-	-	-	75	816	1352
1937	36	17	42	15	-	8	14	781	1482
1938	8	22	35	21	3	-	20	733	1404
10 Yr. Ave.	37	15	8	18	3	4	19	535	1214

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Tim- ber Only Acres	Waste- land Acres	Idle Crop Land Acres
1929	9	3489	34	1270	-	109	-
1930	76	3022	22	1284	-	41	-
1931	31	3367	2	1373	-	23	-
1932	-	3474	22	1359	-	-	-
1933	169	3043	112	1216	-	20	18
1934	173	3476	274	1204	5	38	1572
1935	153	3694	234	1233	-	40	3
1936	174	3454	194	1291	-	29	57
1937	140	3538	159	1243	1	23	243
1938	131	3250	124	1356	-	88	696
10 Yr. Ave.	106	3386	118	1284	1	41	250

10 Yr. Ave. Acres - Spring Wheat 2
 Popcorn 7 Winter Wheat 2
 (Acreages also shown in "All Other Crops.")

*Included in "All Tame Hay."
 Iowa Department of Agriculture.
 Division of Agricultural Statistics.

Highland Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		FLAXSEED		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	122	23306	191	9133	44	4569	45	-	-	2363	37
1930	126	23191	184	9271	40	4478	40	-	-	2254	34
1931	122	23207	190	9701	28	3977	30	-	-	2221	28
1932	128	23201	181	9440	44	3993	43	-	-	2846	28
1933	126	23150	184	9180	50	4417	20	-	-	2821	14
1934	124	23158	187	7589	42	4369	24	-	-	2266	18
1935	124	23061	186	8175	46	4504	38	-	-	2724	24
1936	123	23096	188	8841	18	4662	23	-	-	1833	16
1937	124	23044	186	9160	52	4771	48	15	27	1939	36
1938	126	23181	184	8263	52	4470	41	-	-	2038	30
10 Yr. Ave.	124	23160	186	8875	42	4421	35	2	27	2330	26

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Sweet Als. Clo. Acres*	Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	20	25	-	-	-	-	-	398	1492
1930	-	-	6	29	5	-	-	475	1718
1931	-	-	22	15	15	-	-	405	1477
1932	-	-	42	20	16	-	-	669	1638
1933	3	33	53	15	55	-	-	694	1541
1934	15	8	85	12	-	-	-	829	2078
1935	28	21	72	17	14	-	10	1067	1883
1936	25	11	58	11	-	-	-	1045	1861
1937	15	15	130	18	-	-	-	1100	1735
1938	34	25	341	22	-	-	30	1004	1995
10 Yr. Ave.	14	19	81	19	10	0	4	769	1742

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots Highways Acres	Wood Lots for Tim- ber only Acres	Waste- land Acres	Idle Crop Land Acres
1929	217	3843	82	1570	-	-	17
1930	151	3785	24	1495	-	4	-
1931	133	4169	24	1468	-	-	-
1932	123	3635	43	1379	-	32	14
1933	168	3535	14	1359	-	4	-
1934	174	4036	23	1380	-	6	1137
1935	163	3977	19	1386	-	27	79
1936	143	3733	10	1404	-	13	513
1937	141	3655	22	1334	-	38	89
1938	128	4174	48	1383	-	22	255
10 Yr. Ave.	154	3854	31	1416	0	15	210

10 Yr. Ave. Acres - Winter Wheat .3
 Popcorn 10 Spring Wheat 2
 (Acreages also shown in "All Other Crops")

*Included in "All Tame Hay".
 Iowa Department of Agriculture.
 Division of Agricultural Statistics.

Liberty Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		FLAXSEED		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	109	22234	204	8580	42	4488	44	20	10	2049	41
1930	110	22255	202	8769	35	4042	39	25	5	2295	38
1931	107	22274	208	9234	27	3944	29	-	-	2431	29
1932	106	22235	210	9147	42	3445	43	-	-	3137	29
1933	108	22260	206	8822	49	4147	16	35	1	2834	14
1934	109	22472	206	7149	39	3780	24	20	10	2550	18
1935	110	22221	202	7213	43	4143	36	20	12	3266	28
1936	109	22437	206	8912	13	3502	20	46	9	2415	17
1937	106	22336	211	8723	56	3544	52	19	5	2670	41
1938	107	22264	208	7512	53	3307	40	76	14	3047	32
10 Yr. Ave.	108	22299	206	8406	41	3834	34	26	9	2669	28

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	-	-	44	16	-	-	-	479	1361
1930	-	-	61	19	-	-	15	532	1402
1931	6	12	44	13	-	-	25	551	1331
1932	35	16	44	20	17	-	-	623	1220
1933	-	-	66	20	20	-	-	642	1313
1934	12	12	111	15	2	-	27	643	1982
1935	34	37	104	15	30	-	20	727	1724
1936	20	11	31	13	29	9	80	873	1643
1937	112	21	159	19	29	-	71	969	1523
1938	17	16	210	23	43	-	122	901	1921
10 Yr. Ave.	24	21	87	18	17	1	36	694	1542

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Tim- ber Only Acres	Waste- land Acres	Idle Crop Land Acres
1929	332	3819	63	1463	-	5	10
1930	320	3816	68	1442	-	-	-
1931	211	3597	52	1391	3	5	-
1932	277	3468	48	1395	2	-	-
1933	240	3442	47	1289	-	5	-
1934	193	4002	58	1364	-	5	1217
1935	217	3992	27	1386	-	5	40
1936	189	4012	8	1396	-	-	154
1937	190	3855	22	1400	-	-	19
1938	199	3913	10	1390	-	5	492
10 Yr. Ave.	237	3792	40	1392	.5	3	193

10 Yr. Ave. Acres - Spring Wheat 3
 Popcorn .1 Winter Wheat 3
 (Acreages also shown in "All Other Crops.")

*Included in "All Tame Hay."
 Iowa Department of Agriculture.
 Division of Agricultural Statistics.

Lincoln Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		FLAXSEED		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	112	21567	193	8380	37	6019	40	15	14	1210	32
1930	114	21550	189	8677	36	6222	38	121	10	780	33
1931	111	21509	194	9026	32	6057	27	28	5	720	24
1932	118	21407	181	9059	38	5996	37	71	13	1235	27
1933	114	21769	191	9002	46	6072	33	66	12	1421	26
1934	114	22653	199	7706	33	5893	21	93	5	1340	14
1935	111	22725	205	8247	43	5930	40	46	13	2221	25
1936	115	22791	198	8978	23	5803	27	32	8	1411	17
1937	113	22630	200	8790	55	5956	49	90	12	1512	27
1938	116	22522	194	8398	51	5960	42	141	18	1324	24
10 Yr. Ave.	114	22112	194	8626	40	5991	35	70	12	1317	25

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	-	-	4	10	80	-	35	317	833
1930	25	24	1	10	66	16	18	371	899
1931	-	-	-	-	60	-	27	438	855
1932	26	14	-	-	30	-	20	498	923
1933	28	16	11	18	-	39	14	565	974
1934	11	4	20	10	-	-	120	531	997
1935	55	24	10	16	10	-	70	702	1195
1936	31	26	42	12	11	-	70	855	1224
1937	40	16	23	9	-	-	127	930	1236
1938	-	-	60	19	49	-	48	794	1407
10 Yr. Ave.	22	20	17	14	31	6	55	600	1054

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	200	3471	132	1188	-	-	-
1930	184	3178	114	1251	-	14	-
1931	175	3222	29	1310	-	-	-
1932	124	2661	50	1212	-	-	-
1933	140	2898	49	1086	-	8	-
1934	178	3536	69	1204	-	33	1453
1935	136	3454	148	1195	-	8	-
1936	106	3194	83	1351	-	26	429
1937	141	3097	159	1301	-	17	141
1938	138	3166	84	1350	-	27	370
10 Yr. Ave.	152	3188	92	1245	0	13	239

10 Yr. Ave. Acres - Winter Wheat 0
 Popcorn 11 Spring Wheat 1
 (Acreages also shown in "All Other Crops")

*Included in "All Tame Hay".
 Iowa Department of Agriculture.
 Division of Agricultural Statistics.

Omega Township

Year	No. Farms	Acreages in Farms	Ave. Farm Size	CORN		OATS		FLAXSEED		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	120	22335	186	8792	43	6058	41	5	20	900	36
1930	119	21769	183	8553	40	5979	39	43	13	772	27
1931	121	21756	180	8653	27	5448	26	-	-	847	19
1932	119	21695	182	9042	44	5405	39	28	16	1035	28
1933	123	22993	187	9292	34	6030	20	145	8	1339	14
1934	124	22191	179	7127	36	5516	19	104	5	1299	15
1935	124	22011	178	7620	46	5574	39	49	8	1617	27
1936	120	22392	187	8296	22	5714	27	38	11	848	17
1937	120	21628	180	8309	55	5583	52	39	15	742	33
1938	122	22354	183	8035	51	5808	41	156	15	541	29
10 Yr. Ave.	121	22112	182	8372	40	5712	34	61	11	994	24

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	-	-	-	-	-	-	-	354	1096
1930	-	-	-	-	-	-	-	412	937
1931	20	15	-	-	-	-	-	443	933
1932	5	18	-	-	-	-	-	473	943
1933	12	20	7	11	-	-	-	545	918
1934	7	7	7	10	-	-	-	579	1700
1935	29	12	6	22	-	-	19	762	1424
1936	55	21	-	-	-	6	-	845	1592
1937	-	-	-	-	-	-	18	819	1427
1938	-	-	63	21	-	-	61	804	1746
10 Yr. Ave.	13	17	8	19	0	.1	10	604	1277

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Wood Lots for Tim-ber only Acres	Feed Lots, Highways Acres	Waste-land Acres	Idle Crop Land Acres
1929	164	3350	83	1387	-	-	-
1930	182	3906	33	1314	-	-	-
1931	151	4212	72	1420	-	-	-
1932	156	3645	28	1408	-	-	-
1933	174	3695	40	1341	-	-	-
1934	-	3692	66	1322	-	-	1351
1935	17	4080	273	1303	-	-	-
1936	-	4439	25	1377	-	8	-
1937	3	3992	169	1339	-	-	7
1938	-	4343	95	1387	-	-	119
10 Yr. Ave.	85	3985	88	1360	0	1	148

10 Yr. Ave. Acres - Winter Wheat 0
 Spring Wheat 2 Popcorn 12
 (Acreages also shown in "All Other Crops")

*Included in "All Tame Hay".
 Iowa Department of Agriculture
 Division of Agricultural Statistics.

Summit Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		FLAXSEED		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	100	19761	198	7540	40	5268	36	18	13	1218	32
1930	100	19864	199	7932	39	4978	37	100	16	1025	30
1931	95	19303	203	8036	40	4551	26	385	7	823	27
1932	95	19854	209	8353	40	4147	37	121	13	1741	26
1933	101	20293	201	7891	49	4535	27	498	7	1855	21
1934	102	20496	201	6582	35	3913	22	80	1	1915	16
1935	109	21996	202	7655	45	4835	39	52	14	2883	28
1936	112	22125	198	8810	18	4474	21	-	-	1985	15
1937	108	21874	203	8854	56	4394	51	15	15	1842	38
1938	111	21502	194	7944	49	4137	37	29	10	2236	24
10 Yr. Ave.	103	20707	200	7960	41	4523	33	130	8	1752	25

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	-	-	-	-	-	-	-	444	1003
1930	7	14	-	-	-	-	-	543	1055
1931	9	10	-	-	-	-	-	558	871
1932	-	-	-	-	-	-	-	573	829
1933	28	23	61	9	-	-	-	585	1074
1934	24	4	20	8	-	-	-	557	1183
1935	60	29	100	13	15	-	-	781	1180
1936	27	25	42	11	-	-	41	894	1271
1937	36	10	110	20	-	-	24	1143	1422
1938	61	15	122	21	-	-	53	1088	1540
10 Yr. Ave.	25	18	46	16	2	-	12	717	1143

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber Only Acres	Waste-land Acres	Idle Crop Land Acres
1929	262	3361	-	1081	-	10	-
1930	284	3379	50	1000	25	29	-
1931	179	3354	34	998	-	32	31
1932	195	3363	-	1105	-	-	-
1933	150	3036	43	1115	2	5	-
1934	178	3579	991	1157	-	20	854
1935	205	3504	279	1214	-	6	8
1936	182	3551	105	1180	-	1	456
1937	163	3357	120	1212	-	92	233
1938	198	3689	73	1075	5	35	305
10 Yr. Ave.	200	3417	170	1114	3	23	189

10 Yr. Ave. Acres - Spring Wheat 10
 Popcorn 4 Winter Wheat 12
 (Acreages also shown in "All Other Crops.")

*Included in "All Tame Hay."
 Iowa Department of Agriculture.
 Division of Agricultural Statistics.

Table 17

LAND UTILIZATION AND YIELDS

23

Union Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		FLAXSEED		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	109	22077	203	8036	46	4614	45	8	15	1574	39
1930	111	21897	197	8056	38	4284	43	20	14	1676	33
1931	112	21849	195	8401	38	4091	31	16	13	1311	26
1932	112	21946	196	8606	44	4025	42	30	16	1876	27
1933	115	22028	192	8165	41	4093	16	136	5	2080	11
1934	115	22057	192	7021	38	3898	22	18	1	1739	17
1935	112	21599	193	7399	40	4205	37	7	4	2137	30
1936	114	21870	192	8139	9	3843	12	-	-	1964	11
1937	110	21482	195	7914	41	3628	47	8	18	2223	39
1938	113	22209	197	7538	54	3174	46	10	20	2891	35
10 Yr. Ave.	112	21901	195	7928	40	3986	34	25	9	1947	27

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	-	-	-	-	8	-	-	346	1519
1930	-	-	-	-	-	-	-	388	1604
1931	-	-	-	-	-	-	-	431	1737
1932	-	-	-	-	-	-	-	468	1365
1933	-	-	-	-	-	4	-	516	1517
1934	13	8	20	12	-	-	-	422	1936
1935	15	27	25	15	40	-	-	532	1541
1936	9	28	11	6	-	-	-	629	1885
1937	134	24	42	18	-	-	9	643	1202
1938	24	26	84	19	-	-	-	571	1555
10 Yr. Ave.	20	24	18	17	5	.4	1	495	1589

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots, for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	275	4689	77	1271	-	6	-
1930	248	4814	70	1123	-	2	-
1931	217	4821	73	1180	-	2	-
1932	214	4652	54	1122	-	2	-
1933	173	4628	63	1158	-	15	-
1934	186	4981	105	1121	-	11	981
1935	180	4871	73	1094	-	8	4
1936	186	4486	12	1263	-	10	62
1937	169	4738	173	1185	-	-	57
1938	192	5062	141	1256	-	5	277
10 Yr. Ave.	204	4774	84	1177	0	6	138

10 Yr. Ave. Acres - Winter Wheat 0
 Popcorn 5 Spring Wheat 2
 (Acreages also shown in "All Other Crops")

*Included in "All Tame Hay".
 Iowa Department of Agriculture.
 Division of Agricultural Statistics.

Waterman Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		FLAXSEED		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	103	21155	205	6296	39	3461	42	35	4	858	39
1930	106	21815	206	6854	34	3837	42	-	-	936	40
1931	105	21797	208	6995	20	3419	28	-	-	833	31
1932	105	21747	207	6982	41	3321	40	-	-	1264	29
1933	105	21777	207	6584	28	3277	9	6	8	898	10
1934	105	21768	207	5208	41	3209	24	8	8	962	20
1935	108	21578	200	5542	41	3072	38	-	-	1375	29
1936	127	22212	175	6115	15	2950	24	-	-	1136	18
1937	99	22119	223	6272	52	3016	51	-	-	1057	38
1938	105	21152	201	5681	57	2644	44	-	-	1320	34
10 Yr. Ave.	107	21712	203	6263	38	3221	34	5	5	1064	29

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	-	-	7	10	-	10	-	644	1103
1930	-	-	8	20	-	-	-	886	1483
1931	-	-	16	11	-	-	-	911	1395
1932	-	-	18	23	-	6	-	916	1366
1933	11	5	25	19	-	-	-	836	1399
1934	52	8	24	16	-	3	-	790	1541
1935	74	21	17	12	-	-	-	815	1192
1936	11	25	15	11	-	34	-	916	1461
1937	59	24	62	21	-	-	-	1031	1279
1938	45	21	139	27	-	-	10	915	1318
10 Yr. Ave.	25	19	33	22	-	5	1	666	1354

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber Only Acres	Waste-land Acres	Idle Crop Land Acres
1929	158	7867	112	1067	4	187	-
1930	164	6888	123	1380	5	137	-
1931	100	7456	13	1394	31	145	-
1932	122	7104	19	1393	-	153	5
1933	116	7475	83	1156	3	156	588
1934	132	7883	491	1179	6	123	950
1935	141	8639	205	1175	2	40	4
1936	146	8677	131	1094	20	194	262
1937	141	8792	185	965	6	178	107
1938	147	8183	110	977	-	228	350
10 Yr. Ave.	137	7896	147	1178	8	154	227

10 Yr. Ave. Acres - Spring Wheat 8Popcorn 0 Winter Wheat 2

(Acreages also shown in "All Other Crops.")

*Included in "All Tame Hay."

Iowa Department of Agriculture.

Division of Agricultural Statistics.

LAND UTILIZATION AND YIELDS

Table 19

25

Total Incorporated Town Data - Archer, Calumet, Hartley, Primghar, Sanborn, Sheldon, Sutherland

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		FLAXSEED		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	55	2040	37	648	46	287	45	-	-	170	35
1930	51	1900	37	654	36	325	38	-	-	107	39
1931	53	1951	37	758	28	155	33	-	-	197	27
1932	50	1955	39	646	43	342	40	15	12	160	34
1933	48	1738	36	653	43	223	26	-	-	114	14
1934	53	1897	36	521	39	274	25	-	-	186	23
1935	58	2056	35	669	46	206	43	-	-	240	27
1936	55	2223	40	713	22	237	29	-	-	161	18
1937	46	2282	50	816	47	323	47	-	-	158	33
1938	46	2050	45	735	52	335	45	5	17	97	27
10 Yr. Ave.	52	2009	39	681	41	271	38	2	13	159	28

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	-	-	-	-	-	-	-	205	215
1930	-	-	-	-	-	-	-	169	172
1931	-	-	-	-	-	-	-	158	197
1932	18	15	-	-	-	-	-	140	172
1933	-	-	6	25	-	-	-	207	223
1934	-	-	6	11	-	-	-	203	265
1935	-	-	-	-	-	-	-	236	317
1936	10	10	4	15	-	-	-	265	308
1937	18	19	7	25	-	-	-	277	284
1938	-	-	10	20	-	-	-	175	286
10 Yr. Ave.	5	15	3	20	-	-	-	204	244

Year	Wild Hay	All Pasture	All Other Crops	Bldgs., Feed Lots, Highways	Wood Lots for Tim- ber Only	Waste- land	Idle Crop Land
	Acres	Acres	Acres	Acres	Acres	Acres	Acres
1929	4	579	5	120	-	12	-
1930	25	508	9	90	-	10	-
1931	3	503	2	118	-	18	-
1932	3	469	13	117	-	-	-
1933	9	392	2	104	-	12	-
1934	3	459	20	114	-	-	49
1935	3	465	10	134	-	12	-
1936	5	588	10	156	-	-	31
1937	8	497	19	126	-	12	14
1938	6	427	5	123	-	12	9
10 Yr. Ave.	7	489	10	120	-	9	10

10 Yr. Ave. Acres - Spring Wheat 0
 Popcorn 3 Winter Wheat .5
 (Acreages also shown in "All Other Crops.")

*Included in "All Tame Hay."
 Iowa Department of Agriculture.
 Division of Agricultural Statistics.

COUNTY LIVESTOCK NUMBERS
January 1

Year	All Cattle*	Milk Cows	Horses	Mules	Sheep	Hogs
1870	522	132	208	15	-	89
1880	6423	2434	2091	127	383	10754
1890	31820	8851	10582	338	3888	49362
1900	43919	11479	12671	193	12208	73700
1910	47829	13657	13998	251	15503	69087
1920	52763	13165	14423	355	4760	94259
1925	44920	12600	11980	546	8400	99294
1930	40829	13782	10921	456	10077	147854
1935	59284	15756	9805	374	56187	78949
1936	59176	15070	9688	336	35522	92076
1937	50529	14838	9398	314	24192	82646
1938	53303	14568	8299	324	36345	98392
1939	52883	14542	8078	304	39917	101455

The figures in this table for the years 1870-1935 inclusive have been derived from the Federal Censuses for Iowa. These enumerations have been made as of different dates. Some enumerations were for a base date of January 1, others for a base date of April 1, and others for June 1.

The census enumerations made in 1920, 1925 and 1935 were for January 1. For comparability the enumerations made for the base dates of April 1 and June 1 were adjusted to an equivalent January 1 base. This adjustment procedure places the livestock data of the above table on the one inventory date of January 1.

The figures for 1936, 1937, 1938 and 1939 for all cattle and milk cows are estimates of the Division of Agricultural Statistics of the Iowa Department of Agriculture and those for horses, mules, hogs and sheep are adjusted state farm assessor's figures.

The adjusted county figures for horses, mules, hogs and sheep for the last four years in the table are more nearly accurate than those in Table 21 and comparison with these figures will provide an estimate of the bias displayed by the unadjusted state farm assessor's figures.

* Includes Milk Cows.

Table 21

LIVESTOCK NUMBERS
By Townships

Township	1936					1937				
	Horses	Mules	Cattle	Sheep	Hogs	Horses	Mules	Cattle	Sheep	Hogs
Baker	626	9	3017	951	4460	600	4	2623	211	3861
Caledonia	704	16	4001	447	6408	661	22	3042	450	4754
Carroll	584	5	2898	1687	4249	535	6	2578	1855	3521
Center	607	13	3080	415	3959	656	24	2765	415	4578
Dale	608	33	4114	789	3906	609	37	3144	298	3979
Floyd	619	6	2842	796	3538	563	8	2464	786	2704
Franklin	509	2	3348	3852	4030	474	6	2370	3257	3105
Grant	540	10	3604	4069	5304	440	9	2945	2266	3692
Hartley	498	19	3067	1168	4058	476	14	2766	1055	4279
Highland	619	20	3713	536	5199	584	25	3038	459	4670
Liberty	484	48	3903	539	4812	498	44	3022	311	4528
Lincoln	522	17	2655	1956	3688	517	16	2596	1175	2967
Omega	541	35	3246	1212	6064	521	-	3024	673	4913
Summit	480	4	3005	2199	3568	446	5	2567	1428	2887
Union	555	17	3715	315	4297	507	20	3184	331	3421
Waterman	451	8	3464	1106	3891	447	11	2997	840	3555
ALL TOWNS	42	14	334	1039	252	26	10	165	20	183
COUNTY	8989	276	54006	23076	71683	8560	261	45290	15830	61597

Township	1938					1939				
	Horses	Mules	Cattle	Sheep	Hogs	Horses	Mules	Cattle	Sheep	Hogs
Baker	536	5	2870	132	4347	522	9	2779	964	4678
Caledonia	623	26	3543	519	6146	585	24	3553	876	7331
Carroll	469	5	2567	2143	4069	475	8	2713	2165	5105
Center	406	22	3164	301	4538	517	20	3070	46	5377
Dale	562	26	3035	815	3733	536	36	3217	847	4202
Floyd	499	12	2653	870	3133	499	11	2570	743	3567
Franklin	462	-	2706	6201	4955	405	2	2698	6299	5403
Grant	438	9	3293	2657	4442	436	6	3373	4087	4996
Hartley	432	18	2958	2238	5071	420	21	2665	1975	5068
Highland	548	29	3340	535	5061	507	20	3474	775	5570
Liberty	420	36	3776	961	5384	416	24	3376	839	5588
Lincoln	517	12	2852	1236	3618	483	14	2725	2073	4266
Omega	426	35	3369	1174	5682	424	25	3415	2463	5892
Summit	420	-	2876	2069	3387	365	2	2852	1140	3698
Union	404	20	3296	427	3456	423	25	3353	461	5002
Waterman	425	11	3467	1914	3929	402	11	2978	2834	4794
ALL TOWNS	41	9	295	1007	594	40	2	248	109	237
COUNTY	7628	275	50060	25249	71545	7455	260	49059	28696	80774

The statistics in this table are biased downward. They are printed only to permit inter-township and inter-annual comparisons. Unless townships are equal in size, comparisons may not be directly made. It is assumed that individual assessors are subject to approximately the same bias. Compare Table 20 for the magnitude of the bias.

CREAMERY STATISTICS
1905-1939

Year	Number of Creameries in County	Butter Made	Butter Sold in Iowa	Butter Sold out of State
		Thousand Pounds	Thousand Pounds	Thousand Pounds
1905	5	762	31	731
1906	4	623	58	-
1907	5	918	23	-
1908	5	969	84	-
1909	5	597	39	-
1910	5	590	51	-
1911	6	695	65	-
1912	5	756	99	657
1913	5	687	112	575
1914	5	664	131	533
1915	5	654	152	502
1916	5	761	162	599
1917	5	624	125	509
1918	3	363	99	164
1919	4	592	153	437
1920	4	468	164	442
1921	4	650	254	396
1922	3	805	236	569
1923	3	985	244	738
1924	3	1097	258	838
1925	3	1356	284	1072
1926	3	1426	310	1116
1927	3	1534	317	1215
1928	3	1634	320	1314
1929	3	1692	297	1390
1930	3	2021	379	1852
1931	3	2921	465	2452
1932	3	3161	449	2703
1933	3	4342	287	3758
1934	3	3911	536	3352
1935	2	3514	583	2906
1936	3	3426	592	2820
1937	3	3714	629	3075
1938	3	4170	629	3524
1939	-	-	-	-

Division of Agricultural Statistics.
Iowa Department of Agriculture.

CHICKENS AND EGGS
1880-1935

Year	Chickens Number	Eggs Produced Dozen
1880	13,381	53,651
1885	46,413	96,657
1890	103,309	394,983
1895	135,725	485,738
1900	180,083	961,330
1905	172,967	720,788
1910	194,355	732,091
1915	224,563	980,657
1920	242,180	979,169
1925	254,129	1086,401
1930	324,928	1937,289
1935	311,655	1604,224

Source: U.S. and Iowa State Census.

NUMBER OF FARMS REPORTING SPECIFIED ITEMS

Year	Number of Farms	GRAIN CROPS								
		Corn	Oats	Winter Wheat	Spring Wheat	Barley	Rye	Buck-Wheat	Soy-Beans	Flax-Seed
1930	1926	1862	1771	3	19	755	8	3	9	61
1932	1905	1859	1729	2	17	850	19	0	27	52
1934	1933	1873	1753	3	23	946	38	4	44	71
1936	1950	1873	1725	5	22	966	47	<u>1</u> /	40	49
1938	1934	1890	1743	8	27	921	64	<u>1</u> /	165	56
Average	1930	1871	1744	4	22	888	35	2	57	58
Year	HAY CROPS									Wild Hay
	Pop-corn	Clover and Timothy	Alfalfa	Soy-Bean	Millet	Clover	Timothy	Sudan Grass	Other Tame Hay	
1930	20	501	999	23	5	176	165	14	31	445
1932	1	306	1120	60	<u>1</u> /	130	149	74	103	383
1934	1	256	1176	129	<u>1</u> /	257	40	222	355	421
1936	7	521	1402	130	<u>1</u> /	<u>1</u> /	<u>1</u> /	<u>1</u> /	135	387
1938	8	429	1295	502	<u>1</u> /	<u>1</u> /	<u>1</u> /	<u>1</u> /	180	389
Average	7	403	1198	169	5	188	118	103	161	405
Year	GRASS SEED			All Pasture	LIVESTOCK					
	Timothy	Clover Red & Alsike	Sweet Clover		Horses	Mules	Cattle	Sheep	Hogs	Sows for Sp. Farrow
1930	8	8	3	1862	<u>1</u> /	<u>1</u> /	<u>1</u> /	<u>1</u> /	<u>1</u> /	1642
1932	8	1	3	1852	<u>1</u> /	<u>1</u> /	<u>1</u> /	<u>1</u> /	<u>1</u> /	1569
1934	1	1	26	1859	<u>1</u> /	<u>1</u> /	<u>1</u> /	<u>1</u> /	<u>1</u> /	1474
1936	2	7	32	1856	1738	110	1784	413	1691	1475
1938	9	6	66	1788	1738	103	1812	426	1696	1542
Average	6	5	26	1843	1738	106	1798	420	1694	1540
Year	EQUIPMENT				MISCELLANEOUS					Other Crops
	Trac-tors	Trucks	Autos	Radios	Pota-toes	Apples	Timber and Wood	Waste-land	Idle Crop Land	
1930	778	296	1801	1169	687	43	10	23	5	26
1932	718	199	1751	825	742	275	10	19	7	15
1934	776	214	1797	1089	781	65	3	35	1220	225
1936	1067	197	1778	1427	696	41	10	56	238	341
1938	1314	241	1777	1566	<u>1</u> /	<u>1</u> /	11	72	317	170
Average	931	229	1781	1215	726	106	9	41	357	155

1/ Not given in Sources.

Division of Agricultural Statistics.
Iowa Department of Agriculture.

FARM AND LAND TENURE

Year	OWNERS				PART-OWNERS			
	No. of Farms	% of Total	No. of Farm Acres	% of Total	No. of Farms	% of Total	No. of Farm Acres	% of Total
1928	542	28.0	87416	24.7	166	8.6	37430	10.6
1930	598	31.1	97528	27.6	122	6.3	28839	8.2
1932	522	27.4	84781	24.0	124	6.5	30551	8.6
1934	526	27.2	86558	24.2	132	6.9	31983	9.0
1936	550	28.2	84543	23.6	164	8.4	40253	11.2
1938	595	30.7	93487	26.2	156	8.1	39751	11.1
1928-38 Average	555	28.8	89052	25.0	144	7.4	34801	9.8

Year	TENANTS				TOTALS			
	No. of Farms	% of Total	No. of Farm Acres	% of Total	No. of Farms	% of Total	No. of Farm Acres	% of Total
1928	1228	63.4	228874	64.7	1936	100	353720	100
1930	1206	62.6	226954	64.2	1926	100	353321	100
1932	1259	66.1	238686	67.4	1905	100	354018	100
1934	1274	65.9	238438	66.0	1932	100	356979	100
1936	1236	63.4	233590	65.0	1950	100	358386	100
1938	1183	61.2	224226	62.1	1934	100	357464	100
1928-38 Average	1231	63.8	231795	65.0	1930	100	355648	100

Source: Division of Agricultural Statistics.
Iowa Department of Agriculture.

YEARS OF TENURE
January 1, 1935

Owners	O'Brien County		State of Iowa	
	Number of Farms	Per Cent of County Total	Number of Farms	Per Cent of State Total
On present farm less than 1 year	43	7.3	4442	5.2
1 year	25	4.2	3198	3.8
2 years	22	3.7	3232	3.8
3 years	29	4.9	2857	3.4
4 years	30	5.1	3228	3.8
5-9 years	65	11.0	11726	13.8
10-14 years	80	13.5	11279	13.2
15 years and over	297	50.3	45076	53.0
TOTALS	591	100.0	85088	100.0
Tenants				
On present farm less than 1 year	213	18.2	21763	20.1
1 year	133	11.4	15053	13.9
2 years	120	10.3	11555	10.7
3 years	102	8.7	8285	7.7
4 years	78	6.7	7564	7.0
5 years and over	522	44.7	43836	40.6
TOTALS	1168	100.0	108046	100.0

Source: U.S. Agricultural Census.

Table 27

FREQUENCY DISTRIBUTION OF FARMS BY SIZE CLASSES

Acres in Farms	Number of Farms									
	1928		1930		1932		1934		1936	
	No. of Farms	% of Total	No. of Farms	% of Total	No. of Farms	% of Total	No. of Farms	% of Total	No. of Farms	% of Total
0- 9	39	2.01	27	1.40	27	1.42	26	1.35	37	1.90
10- 29	35	1.81	27	1.40	26	1.37	34	1.76	38	1.95
30- 49	39	2.01	32	1.66	29	1.52	32	1.66	29	1.49
50- 69	22	1.14	12	.62	13	.68	13	.67	23	1.18
70- 109	191	9.87	220	11.42	212	11.13	207	10.72	215	11.03
110- 149	178	9.19	161	8.36	148	7.77	171	8.85	173	8.87
150- 189	749	38.69	784	40.71	781	41.00	788	40.79	788	40.41
190- 229	143	7.39	127	6.50	145	7.61	130	6.73	135	6.92
230- 269	216	11.16	222	11.53	208	10.92	218	11.28	206	10.56
270- 309	91	4.70	85	4.41	81	4.25	83	4.30	73	3.74
310- 349	167	8.63	170	8.83	173	9.08	157	8.64	165	8.46
350- 389	26	1.34	22	1.14	17	.89	18	.93	15	.77
390- 429	18	.93	21	1.09	26	1.37	23	1.19	27	1.39
430- 469	10	.52	5	.26	8	.42	10	.52	14	.72
470- 509	4	.21	4	.21	6	.32	7	.36	5	.26
510- 549	1	.05	1	.05	0	0	2	.10	2	.10
550- 589	2	.10	3	.16	1	.05	0	0	2	.10
590- 629	0	0	1	.05	2	.10	1	.05	2	.10
630- 669	3	.15	2	.10	1	.05	0	0	0	0
670- 709	0	0	0	0	0	0	1	.05	0	0
710-over	2	.10	0	0	1	.05	1	.05	1	.05
Total Farms	1936	100.00	1926	100.00	1905	100.00	1932	100.00	1950	100.00
									1934	100.00
										100.00

Division of Agricultural Statistics.
Iowa Department of Agriculture.

AUTOS, TRUCKS, TRACTORS, AND RADIOS
1926-39

Year	Automobiles	Trucks	Tractors	Radios
1926	2173	212	542	299
1927	2155	251	563	482
1928	2181	257	598	681
1929	2192	277	615	838
1930	2209	273	690	1077
1931	2200	299	800	1173
1932	2093	260	751	1042
1933	2030	208	741	830
1934	2074	205	750	886
1935	2094	219	819	1088
1936	2131	212	999	1297
1937	2120	198	1157	1435
1938	2131	219	1346	1518
1939	2124	244	1463	1571

Division of Agricultural Statistics.
Iowa Department of Agriculture.

ACREAGE OWNED BY CORPORATIONS
January 1, 1937

Township	Insurance Com- panies	Banks	Land & Mtg. Com- panies	Fed. Land Banks	Joint Stock Land Banks	Others	Total	% Farm Land Corpor- ate Owned
Waterman	357	40	-	271	-	80	748	3.53
Liberty	1553	217	-	-	240	-	2010	8.61
Union	1516	314	200	-	-	-	2030	9.23
Caledonia	80	225	-	-	-	-	305	1.38
Grant	1097	-	187	-	-	-	1284	5.43
Highland	1840	-	-	-	-	200	2040	8.67
Dale	1199	-	-	-	-	-	1199	5.31
Baker	1443	-	-	-	-	-	1443	6.31
Omega	1592	-	-	-	-	-	1592	7.19
Center	1909	160	-	-	-	-	2069	9.72
Summit	1198	-	-	240	-	-	1438	6.68
Carroll	800	-	-	-	-	-	800	3.58
Hartley	2041	-	436	280	160	320	3237	14.49
Lincoln	1328	440	440	-	-	-	2208	9.94
Franklin	1432	-	-	80	-	-	1512	6.61
Floyd	907	80	-	-	-	-	987	4.74
County Total	20292	1476	1263	871	400	600	24902	6.98

Source: Department of Economics & Sociology
Iowa State College

ACREAGE OWNED BY CORPORATIONS
January, 1939

Township	Insurance Com- panies	Banks	Land & Mtg. Com- panies	Fed. Land Banks	Joint Stock Land Banks	Others	Total	% Farm Land Corpor- ate Owned
Waterman	357	40	-	431	160	261	1249	5.89
Liberty	1501	137	-	-	-	-	1638	7.02
Union	1706	314	200	-	-	-	2220	10.10
Caledonia	80	225	-	-	-	-	305	1.38
Grant	1097	-	-	-	-	-	1097	4.64
Highland	1680	-	-	-	-	200	1880	7.99
Dale	1519	-	-	-	-	277	1796	7.96
Baker	1363	-	-	-	-	-	1363	5.96
Omega	1675	-	160	-	-	-	1835	8.29
Center	1989	160	-	-	-	40	2189	10.29
Summit	1508	-	-	-	-	-	1508	7.01
Carroll	720	-	-	-	-	-	720	3.23
Hartley	2041	-	276	280	160	800	3557	15.92
Lincoln	1808	400	440	-	-	-	2648	11.92
Franklin	1753	-	-	-	-	-	1753	7.66
Floyd	827	240	-	-	-	-	1067	5.13
County Total	21624	1516	1076	711	320	1578	26825	7.52

Source: Department of Economics & Sociology
Iowa State College.

VALUE OF FARM LAND AND BUILDINGS
1880-1935

Year	Number Of Farms*	Number Of Acres*	Value Of Land	Value of Buildings	Value of Land and Buildings	Value of Land & Bldgs.	
						Per Acre	Per Farm
1880	560	74717	-	-	893256	11.96	1595
1890	1613	298813	-	-	7393630	24.64	4565
1900	1845	360025	13754540	2171510	15926050	44.24	8632
1910	1826	345873	31170886	4621732	35792618	103.48	19602
1920	1903	348783	99524008	11116102	110640110	317.22	58140
1925	1814	331420	46692254	11455270	58147524	175.45	32055
1930	1965	356785	40399589	12755518	53155107	148.98	27051
1935	2006	353961	-	-	34785030	98.27	17340

*Differences in numbers of farms and acres reported in this table and in other tables in this bulletin are due to differences in sources of data.

Source: United States Census.

REAL PROPERTY AND MONEYS AND CREDITS TAXES
COLLECTIBLE IN 1939, FOR ALL PURPOSES
(Exclusive of Special Assessments)

	Cities and Towns	Rural Districts	Total for County
General State Tax	\$ 11,171.50	\$ 49,732.43	\$ 60,903.93
Soldiers' Bonus Tax	4,166.18	8,963.81	13,129.99
General County Tax	8,378.62	37,299.33	45,677.95
Court Expense Tax	558.57	2,486.63	3,045.20
Poor Tax	8,378.62	37,299.33	45,677.95
Insane Tax, State Hospital	558.57	2,486.63	3,045.20
Insane Tax, County Hospital	2,066.73	9,200.50	11,267.23
County School Tax	1,396.44	6,216.55	7,612.99
Soldiers' Relief Tax	1,396.44	6,216.55	7,712.99
General County Bond Tax	-- --	-- --	-- --
Court House Tax	-- --	-- --	-- --
Emergency Tax	5,585.77	24,866.20	30,451.97
Bovine Tuberculosis Eradication	-- --	-- --	-- --
Secondary Roads - Construction	6,144.33	42,769.90	48,914.23
Secondary Roads - Maintenance	6,982.21	105,528.19	112,510.40
District School Tax	131,866.04	232,041.43	363,907.47
City Tax	89,114.14	-- --	89,114.14
Miscellaneous Taxes	-- --	1,445.38	1,445.38
Total	277,764.16	566,552.86	844,317.02*

*Includes special one mill tax on moneys and credits for Soldiers' Bonus Bonds.

Source: 1939 Report,
State Board of Assessment and Review.

Table 33

NUMBER OF SCHOOLS BY TYPE

Type of School	Number of Schools		
	1928-29	1933-34	1938-39
1. Kindergarten	2	3	3
2. 1 room rural elementary	99	91	87
3. 2 or more-room rural elementary	-	-	-
4. Elementary, not rural	12	14	10
5. Separately organized Jr. High	3	3	5
6. Jr.-Sr. High, one organization	-	-	-
7. Separately organized Sr. High	-	-	3
8. Regular High, 4 years or less	10	10	7
9. Junior College	1	1	1
Total Number of Schools	127	122	116

Table 34

ENROLLMENT IN SCHOOLS BY TYPE

Type of School	Enrollment in Schools		
	1928-29	1933-34	1938-39
1. Kindergarten	72	109	100
2. One room rural elementary	1330	1243	1008
3. Two or more-room rural elementary	-	-	-
4. Elementary, not rural	1658	1692	1454
5. * Jr.-Sr. High, 1 organization	258	267	873
6. Regular High, 4 years or less	931	1102	591
7. Junior College	40	50	57
Total Enrollment in all Schools	4289	4463	4083

*Includes enrollment for school Types 5, 6 and 7 in Table 1.

Source: Annual Report,
State Department of Public Instruction

MILES OF ROADS BY TYPES
January 1939

Type of Surface	Primary Roads Outside Corp.	Secondary Roads		Total Mileage in Road System
		County Trunk	Local County	
Earth				
Unimproved	-- -	---	542.12	542.12
Improved	-- -	---	127.38	127.38
Surfaced				
Soil Surfaced	-- -	---	---	---
Shale	-- -	---	---	---
Gravel	17.5	122.60	238.23	378.33
Stone	-- -	---	---	---
Paved				
Bituminous	-- -	---	---	---
Concrete	56.8	1.00	---	57.8
Brick	-- -	---	---	---
County Total	74.3	123.60	907.73	1105.63

Source: Annual Report
Iowa Highway Commission, 1938.

